University of California at San Francisco

Integrated Biomarkers to Characterize Breast Cancer Risk

Objective

Develop, validate and integrate blood and tissue based novel biomarkers to characterize the risk of getting and having breast cancer.

Program Description

The Biomarkers Developmental Laboratory at the University of California at San Francisco has assembled a team of scientists to identify new biomarkers for breast cancer.

Specific Aim

- Develop SNP− and serum proteomics−based profiles for cancer detection (primary and secondary) and risk profiling in the context of clinical evaluation of palpable and mammographic abnormalities
- Develop paraffin based expression profiles to predict risk of disease progression using retrospective datasets
- Develop and validate circulating tumor cells (CTC) based assays, including leading approaches for CTC detection

Contact Information

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